



## PUBLIC MEETING NOTICE



### **Mottolo Superfund Site**

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### **Wednesday, March 24, 2010**

### **7:00-9:00 pm**

### **Raymond High School Cafeteria, Raymond, NH**

#### **Introduction**

EPA's third Five-Year Review of the Mottolo Superfund Site called into question the protectiveness of the cleanup remedy implemented at the site due in part to slightly increasing concentrations of several contaminants in some of the on-site monitoring wells and increased residential development near the site. In response to these findings, DES conducted an expanded residential well monitoring program in June 2009 that identified four residences west of the site whose well water contained site-related volatile organic contaminants; two wells contained the contaminant trichloroethene (TCE) at concentrations at or just above the drinking water quality standard. Consequently, DES immediately provided bottled water or water treatment systems to affected homes. In addition, arsenic, also a contaminant of concern at the site, was found to exceed the drinking water standard in numerous residential wells west of the site. Arsenic is a naturally-occurring element that is often present in water supply wells in New Hampshire at concentrations exceeding the drinking water standard. Therefore, one of the questions that the Agencies needed to answer was: "are the elevated arsenic levels in nearby residential wells associated with past site activity?" Subsequently, DES began an extended effort to assemble a technical team that could assist in planning and interpreting data from investigative activities that would assist DES and EPA in evaluating the full extent of site-related impacts.

#### **Summary of 2009/January 2010 Activities**

- June/July – DES conducts expanded residential well monitoring at 34 homes.
- July – DES supplies bottled water or treatment systems to affected homes. DES hires GZA GeoEnvironmental for consulting services.
- August – GZA performs on-site groundwater, surface water and sediment sampling activities.

- September – DES performs quarterly residential sampling at 12 homes.
- October – EPA conducts on-site soils investigation for residual contaminant source.
- November – DES enters verbal agreement with US Geological Survey for technical assistance on project and EPA assembles team of technical experts. Project team assembles and develops initial investigative program.
- December 2009/January 2010 – DES performs expanded residential sampling program of 64 homes. GZA installs three new on-site deep bedrock wells and conducts geophysical testing of new wells and performs residential well elevation survey.

#### **Purpose of public meeting**

- GZA has prepared a draft 2009 Data Report that the agencies are now reviewing. The report provides a summary, analysis, interpretation, and conclusions of the extensive residential sampling programs, on-site subsurface investigation and on-site overburden and deep bedrock groundwater sampling events that occurred at and in the vicinity of the site in 2009 and early 2010. It is anticipated that this report will provide evidence defining the limits of site impacts, as related to site contaminants including arsenic. The report will also be used to support an evaluation of an appropriate long-term solution for residual site contamination in the effected area. GZA will incorporate inter-agency comments and submit a final report for public distribution during the week of March 15, 2010. This report will be made available to the public for download at the link to "Additional Information" provided near the end of this notice.
- At the March 24 public meeting the technical team involved in the preparation and review of the 2009 Data Report will provide a presentation summarizing the key findings of the study with conclusions and recommendations as well as next steps. There will be an opportunity for questions and discussion following the presentation.

## **Additional Information**

For more information on this site, please visit the web site:

[http://des.nh.gov/organization/divisions/waste/hwrb/fss/superfund/mottolo\\_pig\\_farm.htm](http://des.nh.gov/organization/divisions/waste/hwrb/fss/superfund/mottolo_pig_farm.htm)

Please direct any questions to:

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